Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	(("5459857") or ("5544347") or ("5561825") or ("5592630") or ("5933653")).PN.	USPAT; USOCR	OR	OFF	2004/01/27 10:53
S2	6	(US-5592630-\$ or US-5561825-\$ or US-5544347-\$ or US-5459857-\$ or US-5933653-\$).did. or (US-20020095489-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/01/27 11:00
S3	3	wo-200007105-\$ wo-9859291-\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/01/27 11:02
S4	2	ep-981091-\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2004/01/27 11:02
S5	129	heartbeat with cluster	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/27 11:19
S6	57	(heartbeat with cluster) and @ad<="20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:56
S7	2	((heartbeat with cluster) and @ad<="20010112") and mirror and standby	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/27 11:23
S8	8	((heartbeat with cluster) and @ad<="20010112") and mirror	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ÖR	ON	2004/01/27 11:23
S9	5	("5964838" "6003075" "6154765" "6249879" "6311217").PN.	USPAT	OR	ON .	2004/01/27 11:25
S10	58	((heartbeat or keepalive) with cluster) and @ad<="20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/30 16:16
S11	79	((heartbeat or keepalive) with (cluster or distributed)) and @ad<="20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/30 16:17

S12	4679	(709/223,224).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/02 14:37
S13	2568	((709/223,224).CCLS.) and @ad<="20010112"	US-PGPUB; USPAT, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/02 14:37
S14	1679	(((709/223,224).CCLS.) and @ad<="20010112") and (cluster or distribut\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/02 14:37
S15	73	((((709/223,224).CCLS.) and @ad<="20010112") and (cluster or distribut\$4)) and (heartbeat or keepalive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/02 14:38
S16	42	("3801961" "4371871" "4584643" "4710926" "4745559" "4750135" "4807224" "4868866" "5077665" "5136501" "5187787" "5195031" "5257369" "5313461" "5396587" "5442637" "5471629" "5483631" "5485455" "5491780" "5519704" "5541927" "5557608" "5557798" "5581703" "5581704" "5590269" "5617522" "5617541" "5631907" "5634004" "5694608" "5701465" "5793366" "5794206" "5799318" "5826253" "5835910" "5838938"). PN.	USPAT	OR	ON	2004/02/02 15:27
S17	42	("3801961" "4371871" "4584643" "4710926" "4745559" "4750135" "4807224" "4868866" "5077665" "5136501" "5187787" "5195031" "5257369" "5313461" "5396587" "5442637" "5471629" "5483631" "5485455" "5491780" "5519704" "5541927" "5557608" "5557798" "5581703" "5581704" "5590269" "5617522" "5617541" "5631907" "5634004" "5694608" "5701465" "5794366" "5794206" "5799318" "5826253" "5835910" "5838938"). PN.	USPAT	OR	ON	2004/02/02 15:04

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S18	13368	(709/204,206,207,218,220,221,222, 223,224,226,227,230,237,242,243, 244).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/02 15:27
S19	283	((709/204,206,207,218,220,221,222, 223,224,226,227,230,237,242,243, 244).CCLS.) and heartbeat	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2004/02/04 13:08
S20	157	(((709/204,206,207,218,220,221,222, 223,224,226,227,230,237,242,243, 244).CCLS.) and heartbeat) and @ad<="20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/02 15:28
S21	5	("5289460" "5301303" "5365523" "5432789" "5461608").PN.	USPAT	OR ·	ON	2004/02/02 15:29
S22	23	"5526358".URPN.	USPAT	OR	ON	2004/02/02 15:29
S23	82748	cluster	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 11:43
S24	58996	cluster and @ad<="20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 11:44
S25	82	((heartbeat or keepalive) same cluster) and @ad<="20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 11:44
S26	О	"1024428".URPN.	USPAT	OR	ON	2004/02/03 11:46
S27	5	("5964838" "6003075" "6154765" "6249879" "6311217").PN.	USPAT	OR	ON ·	2004/02/03 11:46
S28	5	"6438705".URPN.	USPAT	OR	ON	2004/02/03 11:47
S29	13	("4183462" "5023873" "5157667" "5704031" "5754754" "5790431" "5983316" "6219701" "6349335" "6401116" "6438705" "6442713" "6496948").PN.	USPAT	OR	ON	2004/02/03 11:54

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S31	10	((US-5459857-\$ or US-5561825-\$ or US-5544347-\$ or US-5933653-\$ or US-5592630-\$ or US-6078957-\$ or US-6058490-\$ or US-6006259-\$ or US-5822531-\$ or US-5434994-\$ or US-5781703-\$ or US-5434994-\$ or US-5526358-\$ or US-641217-\$ or US-6438705-\$ or US-6675217-\$ or US-6662219-\$ or US-6594786-\$ or US-6496948-\$ or US-642713-\$ or US-6496948-\$ or US-642713-\$ or US-6449734-\$ or US-6502203-\$ or US-6526521-\$ or US-6502203-\$ or US-6526521-\$ or US-6503401-\$ or US-6587860-\$ or US-669213-\$ or US-6636982-\$ or US-663899-\$ or US-6144999-\$ or US-6151688-\$ or US-6163855-\$ or US-6163856-\$ or US-633895-\$ or US-6330605-\$ or US-6353898-\$ or US-6330605-\$ or US-6360331-\$ or US-6363495-\$ or US-6389551-\$ or US-6393485-\$ or US-63020073211-\$).did. or (WO-200007105-\$ or WO-9859291-\$ or EP-981091-\$ or EP-1024428-\$ or US-6609213-\$).did.) and mirror	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 14:20
S32	1	(cluster same mirror same heartbeat) and @ad <= "20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 14:57
S33	68	(cluster and mirror and heartbeat) and @ad <= "20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 16:03

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S34	56	(US-5459857-\$ or US-5561825-\$ or	US-PGPUB;	OR	OFF	2004/02/03 17:00
-		US-5544347-\$ or US-5933653-\$ or	USPAT;			
}	İ	US-5592630-\$ or US-6078957-\$ or	DERWENT			
		US-6058490-\$ or US-6006259-\$ or				
		US-5822531-\$ or US-6006206-\$ or				
		US-5781703-\$ or US-5434994-\$ or				
		US-5526358-\$ or US-5461608-\$ or				
		US-6438705-\$ or US-6311217-\$ or				
		US-5964838-\$ or US-6675217-\$ or				
		US-6662219-\$ or US-6594786-\$ or				
		US-6496948-\$ or US-5983316-\$ or				
		US-5790431-\$ or US-6442713-\$ or				
		US-6449734-\$ or US-6453426-\$).did.				
		or (US-6460149-\$ or US-6502203-\$ or				
		US-6526521-\$ or US-6553401-\$ or				
		US-6587860-\$ or US-6609213-\$ or				
İ	<u> </u>	US-6636982-\$ or US-6643795-\$ or				
1		US-5805785-\$ or US-6108699-\$ or				
		US-6144999-\$ or US-6151688-\$ or				
		US-6163855-\$ or US-6163856-\$ or				
		US-6178529-\$ or US-6330605-\$ or		•		
		US-6353898-\$ or US-6338112-\$ or				
		US-6360331-\$ or US-6363495-\$ or				
		US-6389551-\$ or US-6393485-\$ or				
		US-6401120-\$).did. or				
		(US-20020095489-\$ or				
		US-20020073211-\$).did. or				
		(WO-200007105-\$ or WO-9859291-\$				
	1	or EP-981091-\$ or EP-1024428-\$ or				
		US-6609213-\$).did.				

r						
S35		((US-5459857-\$ or US-5561825-\$ or US-5544347-\$ or US-5933653-\$ or US-5592630-\$ or US-6078957-\$ or US-6058490-\$ or US-6006259-\$ or US-5822531-\$ or US-6006206-\$ or US-5781703-\$ or US-5434994-\$ or US-5526358-\$ or US-5461608-\$ or US-6438705-\$ or US-6311217-\$ or US-6662219-\$ or US-6594786-\$ or US-6662219-\$ or US-6594786-\$ or US-6496948-\$ or US-6594786-\$ or US-6496948-\$ or US-6442713-\$ or US-6449734-\$ or US-6502203-\$ or US-6526521-\$ or US-6502203-\$ or US-6526521-\$ or US-6503401-\$ or US-6526521-\$ or US-6609213-\$ or US-63636982-\$ or US-6643795-\$ or US-6144999-\$ or US-6151688-\$ or US-6163855-\$ or US-6163856-\$ or US-6178529-\$ or US-6333605-\$ or US-6353898-\$ or US-6333495-\$ or US-630331-\$ or US-6363495-\$ or US-630120-\$).did. or (US-20020073211-\$).did. or (US-20020073211-\$).did. or (US-2002007105-\$ or WO-9859291-\$ or EP-981091-\$ or EP-1024428-\$ or US-6609213-\$).did.) and failover	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 17:00
S36	2	heartbeat adj storage adj volume	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 06:49
S37	9	heartbeat with serial with time	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 06:49
S38	86	"5696895".URPN.	USPAT	OR	ON	2004/02/04 06:50
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S39	1	mirror with (de-install\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:07
S40	150	mirror with (de-install\$4 or un-install\$4 or deinstall\$4 or uninstall\$4 or deactivate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:07

S41	13405	((709/204,206,207,218,220,221,222, 223,224,226,227,230,237,242,243, 244).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:28
S42	1	(mirror with (de-install\$4 or un-install\$4 or deinstall\$4 or uninstall\$4 or deactivate)) and (((709/204,206,207,218,220,221,222, 223,224,226,227,230,237,242,243, 244).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:27
S43	1902	mirror with fail\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:50
S44	. 27	(((709/204,206,207,218,220,221,222, 223,224,226,227,230,237,242,243, 244).CCLS.)) and (mirror with fail\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:27
S45	7672	((709/204,206,207,218,220,221,222, 223,224,226,227,230,237,242,243, 244).CCLS.) and @ad<="20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:28
S46	14	(mirror with fail\$4) and (((709/204, 206,207,218,220,221,222,223,224, 226,227,230,237,242,243,244).CCLS.) and @ad<="20010112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2004/02/04 13:28
S47	405	mirror with deactivat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:50
S48	1	(((709/204,206,207,218,220,221,222, 223,224,226,227,230,237,242,243, 244).CCLS.) and @ad<="20010112") and (mirror with deactivat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2004/02/04 13:50
S49	27	mirror with de-activat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:50
S50	426	mirror with (deactivat\$4 or de-activat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2004/02/04 13:50

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S51	1	(((709/204,206,207,218,220,221,222, 223,224,226,227,230,237,242,243, 244).CCLS.) and @ad<="20010112") and (mirror with (deactivat\$4 or de-activat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:50
S52	0	(journey adj link) and emc	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:31
S53	0	(journey adj link) and enc	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:31
S54	6	journey adj link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:40
S55	0	emc.an.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:35
S56	0	(e\$).an.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2004/09/08 13:36
S57	896	emc adj corporation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:37
S58	33	journey near3 (link or optical)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:38
S59	0	(emc adj corporation) and (journey near3 (link or optical))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:38
S60	0	ibm.an.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:40

S61	0	ibm\$.an.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:40
S62	942	emc and (mirror or cluster)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:56
S63	452	(emc and (mirror or cluster)) and link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 13:56
S64	199	((emc and (mirror or cluster)) and link) and @ad<="20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 14:02
S65	499	(emc and (mirror or cluster)) and @ad<="20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 14:01
S66	376	emc and optical and (mirror or cluster)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 14:02
S67	176	(emc and optical and (mirror or cluster)) and @ad<="20010112"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/08 14:02
S84	197	mirror and (remote adj copy)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/10 21:09
S85	6	(mirror and (remote adj copy)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/10 21:09
S86	9	(mirror and ((remote adj copy) or rcp)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/11 10:57

	I		1	1	1	
S87	65	(US-20020073211-\$ or US-20020095489-\$).did. or (US-5434994-\$ or US-5459857-\$ or US-5461608-\$ or US-5526358-\$ or US-5544347-\$ or US-5561825-\$ or US-5592630-\$ or US-5696895-\$ or US-5781703-\$ or US-5790431-\$ or US-5805785-\$ or US-5822531-\$ or US-5933653-\$ or US-5964838-\$ or US-5983316-\$ or US-6003030-\$ or US-6006206-\$ or US-6006259-\$ or US-6058490-\$ or US-6144999-\$ or US-6151688-\$ or US-613855-\$ or US-6151688-\$ or US-6178529-\$).did. or (US-6311217-\$ or US-6330605-\$ or US-6338112-\$ or US-6330495-\$ or US-63306331-\$ or US-6339485-\$ or US-6370656-\$ or US-6393485-\$ or US-6370656-\$ or US-6488705-\$ or US-6442713-\$ or US-6449734-\$ or US-6453426-\$ or US-6449734-\$ or US-6453426-\$ or US-6496948-\$ or US-6453426-\$ or US-6496948-\$ or US-6502203-\$ or US-6526521-\$ or US-6594786-\$ or US-6553401-\$ or US-6594786-\$ or US-669213-\$ or US-66594786-\$ or US-6609213-\$ or US-6675217-\$).did. or (WO-9859291-\$ or EP-981091-\$ or WS-6609213-\$ or US-6675217-\$).did. or (WO-9859291-\$ or EP-1024428-\$ or US-6609213-\$ or US-6675217-\$).did. or (WO-9859291-\$ or EP-1024428-\$ or US-6609213-\$ or US-6675217-\$).did. or (WO-9859291-\$ or EP-1024428-\$ or US-6609213-\$ or US-66044444-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2004/12/11 10:57
S88	4	(mirror and ((remote adj copy) or rcp)) and S87	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/11 11:03
S89	2	("60 44444 ").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/11 11:01

S90	65	(US-20020073211-\$ or US-20020095489-\$).did. or (US-5434994-\$ or US-5459857-\$ or US-5461608-\$ or US-5526358-\$ or US-5592630-\$ or US-5592630-\$ or US-5590431-\$ or US-5805785-\$ or US-5805785-\$ or US-590431-\$ or US-5933653-\$ or US-5964838-\$ or US-5933653-\$ or US-6003030-\$ or US-6006206-\$ or US-6003030-\$ or US-6006206-\$ or US-6078957-\$ or US-6108699-\$ or US-6144999-\$ or US-6151688-\$ or US-6163855-\$ or US-6338112-\$ or US-6330605-\$ or US-6338112-\$ or US-6330605-\$ or US-6360331-\$ or US-6363495-\$ or US-6370656-\$ or US-6389459-\$ or US-6370656-\$ or US-6393485-\$ or US-6401120-\$ or US-6438705-\$ or US-6442713-\$ or US-6449734-\$ or US-6453426-\$ or US-6460149-\$ or US-6542924-\$ or US-65609213-\$ or US-6587860-\$ or US-6587970-\$ or US-6587860-\$ or US-6587970-\$ or US-6594786-\$ or US-6587970-\$ or US-65675217-\$ or US-6669213-\$ or US-6675217-\$ or US-6662219-\$ or US-6609213-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2004/12/11 11:03
S91	4	(mirror and ((remote adj copy) or rcp)) and S90	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/11 11:03

COD		(250020 2025260 2066402	LIC DODLID	00		2004/42/44 44-25
S92	112	("3588839" "3835260" "3866182"	US-PGPUB;	OR	ON	2004/12/11 11:36
		"4020466" "4057849" "4084231"	USPAT;			
		"4094000" "4124843" "4150429"	USOCR			
		"4161777" "4204251" "4342079"				
		"4396984" "4430727" "4453215"				
		"4464713" "4577272" "4608688"				
		"4634100" "4698808" "4710870" "4755030" "4750364" "4770100"				
		"4755928" "4769764" "4779189"				·
		"4783834" "4785472" "4797750"		:		
		"4805106" "4814592" "4837680" "4844475" "48440978" "4863411"				
		"4841475" "4849978" "4862411" "4899696" "4016696" "4010197"				i
		"4886866" "4916605" "4949187" "4085605" "5007053" "5000100"				
		"4985695" "5007053" "5029199"				
	,	"5051887" "5060142" "5060185"				
		"5089958" "5097439" "5099485" "5123099" "5127048" "5132787"				
		"5123099" "5127048" "5132787" "5134711" "5146576" "5146605"				
		"5155814" "5155835" "5155845"				
		"5157770" "5159671" "5170471"				
	1	3137770 3139071 3170 4 71				•
		"5201053" "5202887" "5206939"				
		"5210865" "5235690" "5235692"				
	•	"5239659" "5263154" "5269011"				
		"5274645" "5276867" "5285451"				
		"5313664" "5335352" "5343477"				
		"5375232" "5377342" "5379412"	`			
		"5381539" "5428796" "5446872"		. ,		
		"5459857" "5463752" "5526484"				
		"5537533" "5544345" "5544347"				
		"5555371" "5574950" "5584039"				
		"5592618" "5606359" "5608865"				
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S93	47	("6044444").URPN.	USPAT	OR ·	ON	2004/12/11 11:49
S94	9	(check\$3 near5 mirror near5 writ\$4)	USPAT	OR	ON .	2004/12/11 11:50